



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street
Charleston, WV 25304
(304) 926-0450
Fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
dep.wv.gov

Fact Sheet

Ground Resources, LLC / Class II UIC Permit Number 2R08700008002

Purpose of Fact Sheet

The purpose of this fact sheet is to briefly describe the principle facts and considerations that went into preparation of the draft permit as required in 47CSR13-13.31.

Facility Description

Ground Resources, LLC operates a Class II Underground Injection Control (UIC) facility in Smithfield and Geary Districts, Roane County, West Virginia that is permitted to inject fresh water and Class II compliant fluid derived from the oil field for the purpose of secondary recovery of oil from the Tariff field.

Public Participation

Per 47CSR13-13.24.b.1 the public has thirty (30) days to review and comment on Class II UIC draft permits. As part of the draft permit, a public notice is developed by WVDEP and the operator is responsible for a Class I legal advertisement.

The public comment period for the above named UIC permit will begin on **October 15, 2020 and end on November 14, 2020**. All written comments on the draft permit can be mailed to:

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: UIC Program
601 57th Street SE
Charleston, WV 25304

Comments may also be faxed to (304) 926-0452, Attn: UIC Program, or e-mailed to DEPOOGEP@wv.gov with "UIC Comments" in the subject line. Please include an email or street address for reply.

Promoting a healthy environment.

WVDEP will review and consider all comments filed within the public comment period. A response to all significant comments will be made by WVDEP. Subsequent to review and consideration of comments, a final decision to issue or deny the permit application will be made.

Summary of Permit Conditions

The permit is developed to help ensure and protect human health and the environment.

The Class II UIC wells shall be constructed, monitored, operated, and tested to help ensure protection of Underground Sources of Drinking Water (USDWs).

The Class II UIC wells have surface casing with cement circulated to surface. In addition, the wells have long string casing with cement above the injection formation.

The Class II UIC wells shall be tested for integrity at the casing-tubing-packer at least once every five (5) years.

The Class II UIC wells shall have piping, connecting any above ground storage tanks and the well, pressured tested at least once every five (5) years.

The Class II UIC well shall be monitored daily for injection pressures, rates, and volumes. The injection reporting results shall be submitted to WVDEP.

The Class II UIC facility will be permitted to inject fresh water and Class II compliant fluids derived from the oil field for the purpose of secondary recovery of oil.

The Class II UIC wells have a calculated maximum injection pressure below the formation parting pressure to ensure the confining layer(s) is not fractured. The maximum permitted wellhead injection pressure is 557 psi.

Area of Review

Every five (5) years the permittee is required to investigate and document all active, abandoned, and plugged wells within a ¼ mile fixed radius of the injection well(s), which could be potential conduits for injection fluids.

At least every five (5) years the permittee shall sample all domestic water wells (sources) within the area of review.

Duration of Permit

Permits for Class II UIC wells are valid for a period of five (5) years. An operator at the time of permit expiration can apply to renew a UIC permit.

Location:

Smithfield and Geary Districts
Roane County, West Virginia
1422 Tariff Road
Left Hand, WV 25251

Permittee Contact:

Ground Resources, LLC
513 Charleston Road
Spencer, WV 25276

UTM NAD 83
Northing 4279357.4
Easting 481520.9
Latitude 38.6626
Longitude -81.2124

WVDEP Contact:

Office of Oil and Gas
Andrew L. Lockwood
601 57th Street, SE
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(304) 926-0499, ext. 1830